CYBER SECURITY COURSES

LOCAL JURISDICTION

Texas Engineering Extension Service
National Emergency Response and Rescue Training Center

CYBER SECURITY COURSES
LOCAL JURISDICTION

The Cyber Security Courses are developed to assist communities in improving their cyber security to introduce cyber security issues to cities and communities across the nation.

The following courses are offered at no cost and students earn a TEEX, DHS/FEMA Certificate of Completion and Continuing Education Units (CEU) for the completion of each course.

AWR-136 Essentials of Community Cyber Security

Overview: This half-day lecture training course places the issues of cyber security in a community context and demonstrates how cyber attacks by terrorist organizations can impact, prevent, and/or stop business operations, and emergency responses. The lecture covers cyber threats, vulnerabilities and countermeasures, explains how computer systems and networks are vulnerable, and how this vulnerability affects the organization. Students attending this course receive a Certificate of Completion. **(4 hours)**

Audience: Personnel with no more than a basic understanding of cyber security that are involved with critical infrastructure, emergency operations, and incident response in public or private organizations, including state, county, and municipal officers; members of industry affiliations and chambers of commerce should attend.

Prerequisites: No prerequisites.

MGT-384 The EOC's Role in Community Cyber Security

Overview: This is a 2-day non-technical course designed to provide an awareness of how cyber events can impact a community, an Emergency Operations Center, and our daily lives. In this course, participants will discover the roles and responsibilities needed to detect, prevent, and respond to a cyber security incident. Using past cyber events, participants will explore how the EOC and community would plan for and manage information and resources needed for a cyber event and understand how cyber can be used to affect, disrupt, and/or complicate emergency responses. Students attending this course receive a Certificate of Completion. **(12 hours total)**

Audience: Participants should be involved with any Emergency Operations Center (examples include: State, City, County, and University, Hospital or private sector). Participants involved in all EOC activities during a community emergency, disaster, or other event are encouraged to attend.

Prerequisites: AWR-136 Essentials of Community Cyber Security

MGT-385 Community Cyber Security Exercise Planning

Overview: This 2-day non-technical course is designed to assist exercise planners incorporate cyber into an exercise in meaningful ways. Participants will be introduced to cyber topics and how cyber can impact the business operations of an organization and community. Lecture and activities will explore objectives, players, cyber injects and challenges to incorporating cyber into exercises. Participants will be exposed to many possible injects and scenarios that can be used in an exercise. Students attending this course receive a Certificate of Completion. **(12 hours total)**

Audience: Personnel currently or likely to be involved in the development and execution of exercises within their community.

Prerequisites: AWR-136 Essentials of Community Cyber Security
Participants should have an understanding of the Homeland Security Exercise and Evaluation Program (HSEEP) and have familiarity with community and/or organizational exercises. The concepts and ideas delivered in IS-120.a "An Introduction to Exercises" from the Federal Emergency Management Agency may prove to be beneficial in preparation for this course.

C12.5827.03